AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-17 (Cancelled)

18. (Currently Amended) A method of writing a file in a memory medium, the file including a determined number of data records, each record having a determined size, ~~a determined number of memory spaces of the memory medium being allocated to write the data of the file records, a position of each memory space being determined, the number of memory spaces allocated exceeding the total number of records in the file, the number of excess memory spaces P being at least equal to the maximum number of records of the group of records likely to be updated simultaneously in a write operation,~~ the method comprising the following steps:

allocating a determined number of memory spaces of the memory medium to write the data of the file records, a position of each memory space being determined, the number of memory spaces allocated exceeding the total number of records in the file, the number of excess memory spaces P being at least equal to a maximum number of records of a group of records likely to be updated simultaneously in a write operation;

writing the data of each file record in a memory space taken from the allocated memory spaces;

writing a descriptor of the file in the memory medium, the file descriptor referencing memory spaces taken from the allocated memory spaces to enable the allocated memory space in which the data of each file record is written to be determined.

19. (Original) The method of writing according to claim 18, wherein the records of a file, for which a group of memory spaces is allocated, all have the same size.

20. (Original) The method of writing according to claim 18, wherein the descriptor is encoded by a number representing an arrangement index in a predetermined table, said table containing all the possible arrangements of the records of the file in the allocated memory spaces.

21. (Original) The method of writing according to claim 18, wherein a seal is stored, associated with the data of each descriptor, the seal being an increasing function of the number of zero bits in the descriptor.

22. (Original) The method of writing according to claim 18, wherein a sequence number is stored, associated with each descriptor.

23. (Original) The method of writing according to claim 22, wherein the sequence number is encoded on two bits.

24. (Original) The method of writing according to claim 18, wherein the free memory spaces are not referenced to minimize the size of the file descriptor.

25. (Cancelled)

26. (Currently Amended) A method of updating a file written in a memory medium, the file comprising[[:]] a determined number of records of determined sizes comprising , some of these records being intended to be updated with new data replacing old data, with wherein:
        a determined number of memory spaces of the memory medium being allocated to write the data from the file records, the number of allocated memory spaces exceeding the total number of file records, the number of excess memory space P being at least equal to a maximum number of records of a group of records likely to be updated simultaneously in a write operation;
        comprising the steps of: determine a position of each memory space being determined;
        the number of allocated memory spaces exceeding the total number of file records; the number of excess memory space P being at least equal to the maximum number of records or the group of records likely to be updated simultaneously in a write operation; writing the data of

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each file record ~~being written~~ in a memory space taken from the allocated memory ~~spaces,~~ spaces;

a first file descriptor of the file being written in the memory medium, ~~taking~~ the first file descriptor referencing memory spaces being taken from the allocated memory spaces to enable the allocated memory space in which the data of each file record is written to be ~~determined;~~determined,

~~the method comprising the following steps:~~

~~reading the~~the first file descriptor being read;

~~deducing the~~ free allocated memory spaces being deduced ~~are~~ from ~~this~~the first file descriptor;

~~writing the~~ new data being written in memory spaces taken from the free allocated memory spaces;

~~writing~~ a new descriptor of the file being written in the memory medium, the new descriptor referencing the memory spaces in which the new data is written in place of the memory spaces in which the old data is written.

27. (Original) The method of updating according to claim 26, wherein the records of a file, for which a group of memory spaces is allocated, all have the same size.

28. (Original) The method of updating according to claim 26, wherein the descriptor is encoded by a number representing an arrangement index in a predetermined table, said table containing all the possible arrangements of the records of the file in the allocated memory spaces.

29. (Original) The method of updating according to claim 26, wherein a seal is stored, associated with the data of each descriptor, the seal being an increasing function of the number of zero bits in the descriptor.

30. (Original) The method of updating according to claim 26 wherein a sequence number is stored, associated with each descriptor.

31. (Original) The method of updating according to claim 30 wherein the sequence number is encoded on two bits.

32. (Original) The method of updating according to claim 26 wherein the free memory spaces are not referenced to minimize the size of the file descriptor.

33. (Currently Amended) The method of updating according to claim 26, wherein the new descriptor is copied to the first descriptorto perform a ratification.

34. (Previously Presented) A method of allocating memory spaces of a memory medium comprising the steps of:

selecting a group of records of data, these records belonging to one or more files (FTS), the data of these records being intended to be written in the memory medium, the group of records comprising a determined number of records, each record of the group having a determined size;

determining a number N of memory spaces is the number N exceeding the number of records in the group of records, the number of excess memory spaces P being at least equal to the maximum number of records of the group of records likely to be updated simultaneously in a write operation;

choosing a group of memory spaces, including N memory spaces, the memory spaces of the group forming the memory spaces being allocated to write the data of the selected records, each memory space in the group having a determined size and a determined position, the size of the memory spaces being sufficient to write into them the data from the records of the group.